Chapter 3
Infrastructure Plan

Goal

- To make an investment to steadily fix our town's infrastructure so the future of Chesapeake City will be livable for the next generation.

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Result

- A better life for our residents. A permanent fix to the water and sewer issues plaguing our town for years. The town will be prepared and protected for the next 100 years.

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Priority

- Inter-cross connection COMPLETED
- Delaware water line
- Water Supply Contract Addendum signed and finalized COMPLETED
- New meters throughout Town
- RT 213 Water/Sewer Line out to High School
- New water storage tank
- Repair of "I and I" going into sewer plant
- A new sewer plant

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Inter-Connection

- Inter connection PROJECT HAS BEEN 100% COMPLETED IN 39 DAYS.

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Delaware Water Line

- **Summary** The installation of this line is what it will take to supply our town and start the permanent fix for our water issues. This will be a 12 inch water main extension from the north side distribution system to the MD/DE line. The timeline is 6 months for completion. This enables us to mothball our water plants. We know a flow test has been completed, and we have sufficient pressure for both sides of town. We are in a crisis situation to complete this project as soon as possible.

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Supply Agreement for Artesian Water

- **Summary**: We have had a contract in place since 2006. Mayor AND Council has sent a suggested list of changes to the contract and we as a town are prepared to move forward with Artesian.
- Contract is signed and delivered
- Project is 100% complete

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New Meters Throughout Town

- **Summary**. 50% grant and 50% low interest loan is anticipated by MDE.
- Official notice came October 1, 2011.
- This is what we have in homes now on Chesapeake City:

- Meters inside homes with a touch pad remote on the wall
- Meters in pits with touch pad remotes on the wall
- Meters with touch pads in the lid in the ground
- Meters in the ground with mechanical readouts on the wall
- Meters in the home with mechanical readouts on the wall.
- Commercial meters of several sizes. Only the meter over 5/8 needs a special size. 5/8 is the same as a residence.

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New Meters Throughout Town

- The grant was for 408 new meters.
- Approximately 125 of our residential meters are already replaced. Only the reading electronics needs to be replaced on these. Six 2 inch and three 11/2 meters need to be purchased. The remainder will probably stay 5/8. Since we have already replaced some meters the price should bit a good bit less.

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New Meters Throughout Town

- **Town Direction**.
- We need to inventory all existing meters. Done
- Put out RFP for engineer to write up the two RFP Done
- Approval of RFP write up Done
- Put out the two RFP, one for purchase and one for install Done
- Approve two RFP Done
- Put out RFP's out to the contractors for Bid Done
- Award contractors Bids/3rd week of Sept (Pending)
- Meter replacement start Oct 2012 (Pending)
- Meter completion finished Dec 2012 (Pending)

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New Meters Throughout Town

- **Funding Direction**. As we mention, 50% as grant and 50% as low interest loan. Even though this grant is up to $408,000, looks like our max cost would be appox 300,000. The grant would be 150,000 and low interest loan 150,000. Time line for funding is to set up a line of credit immediately.